

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9	carron keith.in.	US-PGPUB; USPAT	ADJ	ON	2007/08/29 16:43
S2	3	sulk roberta.in.	US-PGPUB; USPAT	ADJ	ON	2007/08/28 17:47
S3	1	martin vince.in.	US-PGPUB; USPAT	ADJ	ON	2007/10/30 09:01
S4	9	carron keith.in.	US-PGPUB; USPAT	ADJ	ON	2007/08/29 16:43
S5	9	S4 and raman	US-PGPUB; USPAT	ADJ	ON	2007/08/29 16:43
S6	3	S5 and cyanide	US-PGPUB; USPAT	ADJ	ON	2007/08/29 16:43
S7	9	carron keith.in.	US-PGPUB; USPAT	ADJ	ON	2007/08/30 09:46
S8	9	S7 and raman	US-PGPUB; USPAT	ADJ	ON	2007/08/30 09:47
S9	2	S8 and kit	US-PGPUB; USPAT	ADJ	ON	2007/08/30 09:47
S10	9	((("4450231") or ("4920061") or ("5102788") or ("5169789") or ("5252459") or ("5705207") or ("5759774") or ("6391652") or ("6770448"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 10:10
S11	0	S10 and cyanide	US-PGPUB; USPAT	ADJ	ON	2007/10/29 15:09
S12	0	S10 and raman	US-PGPUB; USPAT	ADJ	ON	2007/10/29 15:09
S13	9	((("4450231") or ("4920061") or ("5102788") or ("5169789") or ("5252459") or ("5705207") or ("5759774") or ("6391652") or ("6770448"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/29 16:22
S14	0	S13 and nanoparticle same surface	US-PGPUB; USPAT	ADJ	ON	2007/10/29 16:22
S15	835	nanoparticle same surface and Raman	US-PGPUB; USPAT	ADJ	ON	2007/10/29 16:22
S16	619	S15 and light and wavelength	US-PGPUB; USPAT	ADJ	ON	2007/10/29 16:23
S17	516	S16 and scattering	US-PGPUB; USPAT	ADJ	ON	2007/10/29 16:23
S18	186	S17 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/10/29 16:23
S19	113	S18 and (surface same colloidal)	US-PGPUB; USPAT	ADJ	ON	2007/10/29 16:23
S20	27	S19 and lyophilized	US-PGPUB; USPAT	ADJ	ON	2007/10/29 16:24

S21	1	("6770488").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 09:01
S22	36238	"436".clas.	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:10
S23	21667	S22 and (analyze or detect)	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:11
S24	456	S23 and Raman and scattering	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:11
S25	278	S24 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:11
S26	101	S25 and 436/165,525,526,518,501. ccls.	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:11
S27	4	S26 and nano near2 particle	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:11
S28	14	S26 and cyanide	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:12
S29	61	S26 and metal and (silver or gold)	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:12
S30	58748	"356".clas.	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:12
S31	1442	S30 and raman and scattering	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:12
S32	291	S31 and metal and (silver or gold)	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:12
S33	25	S32 and nano near2 particle	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:13
S34	6	S33 and @ay<="2004" and @py<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:13
S35	5	S34 and 356/301,317.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:13
S36	159886	"435".clas.	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:13
S37	495	S36 and raman near3 scattering	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:13
S38	297	S37 and metal and (silver or gold)	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:13
S39	15	S38 and nano near2 particle	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:14
S40	7	S39 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:14
S41	0	"435""7."92,7""9,2,7".S36.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:14
S42	4	435/7.92,7.9,2,7.1,6.ccls. and S40	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:15
S43	523	426/89.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:15
S44	0	S43 and raman near3 scattering	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:15
S45	2	S43 and raman	US-PGPUB; USPAT	ADJ	ON	2007/10/30 10:16
S46	807	raman near2 scattering	DERWENT	ADJ	ON	2007/10/30 10:16

S47	19	S46 and metal and (silver or gold)	DERWENT	ADJ	ON	2007/10/30 10:16
S48	0	S47 and cyanide	DERWENT	ADJ	ON	2007/10/30 10:16
S49	1	S47 and nano near2 particle	DERWENT	ADJ	ON	2007/10/30 10:21
S50	1	("6989897").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 10:22
S51	0	("2004135997").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 10:22
S52	1	("20040135997").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 10:22
S53	9	carron keith.in.	US-PGPUB; USPAT	ADJ	ON	2008/07/21 14:43
S54	3	S53 and cyanide	US-PGPUB; USPAT	ADJ	ON	2008/07/21 14:43
S55	3	S54 and metal	US-PGPUB; USPAT	ADJ	ON	2008/07/21 14:44
S56	3	S55 and surface	US-PGPUB; USPAT	ADJ	ON	2008/07/21 14:44
S57	3	S56 and bind	US-PGPUB; USPAT	ADJ	ON	2008/07/21 14:44
S58	3	S57 and adsorption	US-PGPUB; USPAT	ADJ	ON	2008/07/21 14:44
S59	3	S58 and light	US-PGPUB; USPAT	ADJ	ON	2008/07/21 14:47
S60	3562	metal with adsorb	US-PGPUB; USPAT	ADJ	ON	2008/07/21 15:57
S61	9	((("4450231") or ("4920061") or ("5102788") or ("5169789") or ("5252459") or ("5705207") or ("5759774") or ("6391652") or ("6770448"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/07/21 15:58
S62	0	S61 and metal with adsorb	US-PGPUB; USPAT	ADJ	ON	2008/07/21 15:58
S63	0	S61 and metal same adsorb	US-PGPUB; USPAT	ADJ	ON	2008/07/21 15:58
S64	0	S61 and metal and adsorb	US-PGPUB; USPAT	ADJ	ON	2008/07/21 15:58
S65	3562	metal with adsorb	US-PGPUB; USPAT	ADJ	ON	2008/07/21 15:58
S66	19	S65 with analyte	US-PGPUB; USPAT	ADJ	ON	2008/07/21 15:58
S67	9	((("4450231") or ("4920061") or ("5102788") or ("5169789") or ("5252459") or ("5705207") or ("5759774") or ("6391652") or ("6770448"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/07/22 14:31
S68	11	carron keith.in.	US-PGPUB; USPAT	ADJ	ON	2008/07/24 10:49
S69	6	S68 and adsorb	US-PGPUB; USPAT	ADJ	ON	2008/07/24 10:49

S70	6	S69 and metal	US-PGPUB; USPAT	ADJ	ON	2008/07/24 10:49
S71	6	S70 and raman	US-PGPUB; USPAT	ADJ	ON	2008/07/24 10:50
S72	3	S71 and @py<="2003" and @ay<="2003"	US-PGPUB; USPAT	ADJ	ON	2008/07/24 10:50
S73	0	metal with adsorb smae Raman	US-PGPUB; USPAT	ADJ	ON	2008/07/24 10:53
S74	3569	metal with adsorb	US-PGPUB; USPAT	ADJ	ON	2008/07/24 10:53
S75	182	S74 and raman	US-PGPUB; USPAT	ADJ	ON	2008/07/24 10:53
S76	45	S75 and @py<="2003" and @ay<="2003"	US-PGPUB; USPAT	ADJ	ON	2008/07/24 10:54
S77	33	S76 and light	US-PGPUB; USPAT	ADJ	ON	2008/07/24 10:54
S78	1768	356/301	US-PGPUB; USPAT	ADJ	ON	2008/07/24 13:19
S79	960	356/301.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/24 13:19
S80	892	S79 and raman	US-PGPUB; USPAT	ADJ	ON	2008/07/24 13:19
S81	57	S80 and @py,="2003" and @ay<="2003"	US-PGPUB; USPAT	ADJ	ON	2008/07/24 13:19
S82	411	S80 and @py<="2003" and @ay<="2003"	US-PGPUB; USPAT	ADJ	ON	2008/07/24 13:19
S83	10	S82 and light and metal with adsorb	US-PGPUB; USPAT	ADJ	ON	2008/07/24 13:20
S84	1	S82 and light and metal with adsorb?	US-PGPUB; USPAT	ADJ	ON	2008/07/24 13:20
S85	27	S82 and light and metal with (adsorb or adsorbed or adsorbing)	US-PGPUB; USPAT	ADJ	ON	2008/07/24 13:20
S86	8	S85 and cyanide	US-PGPUB; USPAT	ADJ	ON	2008/07/24 13:21
S87	1	("5255067").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/17 13:27
S88	46	("4674878"   "4781458"   "5017007"). PN. OR ("5255067").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/17 13:28
S89	19	("20020015150"   "20020105641"   "20030026900"   "20030175472"   "20040096981"   "20040150818"   "20070153267"   "4977038"   "5255067"   "6136704"   "6203925"   "6406777"   "6602802"   "6614523"   "6781690"   "6838121"   "6850323"   "6873052"   "6989897").PN. OR ("7450227").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/17 15:54
S90	1	("20020105641").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/17 16:14
S91	77	chan selena.in.	US-PGPUB; USPAT	ADJ	ON	2009/03/17 16:24
S92	67	S91 and SERS	US-PGPUB; USPAT	ADJ	ON	2009/03/17 16:24

S93	0	S92 AND RAMAN AND ACTIVE AND CARS AND NANOCHRYSTALLINE	US-PGPUB; USPAT	ADJ	ON	2009/03/17 16:24
S94	67	S92 and substrate	US-PGPUB; USPAT	ADJ	ON	2009/03/17 16:25
S95	6	S94 and 10/171357	US-PGPUB; USPAT	ADJ	ON	2009/03/17 16:25
S96	1	("20030231304").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/04 19:41
S97	0	S96 and release	US-PGPUB; USPAT	ADJ	ON	2009/12/04 19:41
S98	0	S96 and (releasing)	US-PGPUB; USPAT	ADJ	ON	2009/12/04 19:41
S99	13	carron keith.in.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 10:45
S100	3	S99 and cyanide	US-PGPUB; USPAT	ADJ	ON	2009/12/07 10:45
S101	41	("3062612"   "4284553"   "4674878"   "4781458"   "4802761"   "4844613"   "4857273"   "4877747"   "4939264"   "5017007"   "5023053"   "5132097"   "5144030"   "5255067"   "5262333"   "5266498"   "5294402"   "5327211"   "5376556"   "5400136"   "5496700"   "5567628"   "5576216"   "5607643"   "5618926"   "5693152"   "5834224"   "RE30627").PN. OR ("6770488"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 10:47
S102	3	S101 and cyanide	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 10:47
S103	2	((("6514767") or ("6149868")).PN.	US-PGPUB; USPAT	OR	OFF	2009/12/07 11:54
S104	3	((("6514767") or ("6149868") or ("20030231304")).PN.	US-PGPUB; USPAT	OR	OFF	2009/12/07 11:54
S105	1	S104 and gas	US-PGPUB; USPAT	ADJ	ON	2009/12/07 11:54
S106	1	S104 and vapor	US-PGPUB; USPAT	ADJ	ON	2009/12/07 11:55
S107	98	("5266498"   "5445972"   "5552086"   "5567628"   "5609907"   "5828450").PN. OR ("6149868"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 11:56
S108	72	S107 and (gas or vapor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 11:56
S109	10	S108 and @py<="2003" and @ay<="2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 11:56
S110	98	("5266498"   "5445972"   "5552086"   "5567628"   "5609907"   "5828450").PN. OR ("6149868"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 12:03
S111	46	("5023139"   "5266498"   "5609907"   "5825790"   "5828450"   "6149868"   "6219137").PN. OR ("6514767"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 12:04

S112	33	S111 and (gas or vapor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 12:04
S113	5	S112 and @py<="2003" and @ay<="2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 12:04
S114	449468	SERS and (gas or vapor) and metal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 12:05
S115	204076	S114 and @py<="2003" and @ay<="2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 12:06
S116	2451	S115 and "436".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 12:06
S117	92	S116 and Raman and light and scattering	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 12:06
S118	16	S117 and cyanide	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 12:07
S119	92	carron.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:28
S120	11	S119 and raman and scattering	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:28
S121	3	S120 and cyanide	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:28
S122	3	S121 and gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:28
S123	13	carron keith.in.	US-PGPUB; USPAT	ADJ	ON	2009/12/08 15:44
S124	1	S123 and thiocyanate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/08 15:44
S125	3	sulk roberta.in.	US-PGPUB; USPAT	ADJ	ON	2009/12/08 15:44
S126	1	S125 and thiocyanate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/08 15:44
S127	10	detect with thiocyanate and gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/08 15:45
S128	1	("4756804").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/08 15:48
S129	0	("L6andcyanideandgas").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/08 15:48
S130	1	S128 and cyanide and gas	US-PGPUB; USPAT	ADJ	ON	2009/12/08 15:48
S131	1	S130 and SERS	US-PGPUB; USPAT	ADJ	ON	2009/12/08 15:48
S132	1	("7576854").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/08 15:54
S133	3666	436/171,164,165.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/24 01:29
S134	2	S133 and chemical and cyanide and metal and surface and adsorbing and Raman and scattering	US-PGPUB; USPAT	ADJ	ON	2009/12/24 01:30
S135	3193	422/61,50.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/24 01:30
S136	2	S135 and cyanide and raman and scattering	US-PGPUB; USPAT	ADJ	ON	2009/12/24 01:30

S137	0	(method and detecting and metal and surface and fluid and species and raman and scattering and adsorbing and enhanced).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:32
S138	4	(method and detecting and metal and surface and species and adsorbing).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:32
S139	0	(method and detecting and metal and surface and species and adsorbing and raman).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:32
S140	0	(method and detecting and metal and surface and species and adsorbing and scattering).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:33
S141	0	(method and detecting and metal and surface and species and adsorbing and enhanced).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:34
S142	4	(method and detecting and metal and surface and species and adsorbing).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:34
S143	0	(method and detecting and metal and surface and species and adsorbing and related).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:34
S144	1	(method and detecting and metal and surface and species and adsorbing and size and shape).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:34
S145	1	(method and detecting and metal and surface and species and adsorbing and size and shape and additive).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:34
S146	0	(method and detecting and metal and surface and species and adsorbing and size and shape and adversely and affected and Raman).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:35
S147	0	(method and detecting and metal and surface and species and adsorbing and size and shape and adversely and affected and prevent).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:35
S148	0	(method and detecting and metal and surface and species and adsorbing and size and shape and adversely and affected).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:36
S149	1	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:38
S150	1	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid and additive).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:38
S151	0	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid and additive and sacrificially).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:39

S152	1	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid and additive and adversely).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:39
S153	1	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid and additive and treating and interaction).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:39
S154	1	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid and additive and stabilizes).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:40
S155	1	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid and additive and raman).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:41
S156	1	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid and additive and sacrificial and agent).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:42
S157	1	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid and additive and gas and phase and metal).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:44
S158	1	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid and additive and nanoparticle and colloidal).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:45
S159	0	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid and additive and lypphilized).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:46
S160	1	(method and chemical and species and surface and size and shape and scattering and exposing and exciting and analyzing and fluid and additive and lyophilized).clm.	US-PGPUB	ADJ	ON	2009/12/24 01:46
S161	2	((("3799741") or ("5637508"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/03/30 13:55

3/ 30/ 2010 2:18:56 PM

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